



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,456	12/31/2003	Hak-Jae Kim	51876P575	9834

8791 7590 12/29/2005

BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD
SEVENTH FLOOR
LOS ANGELES, CA 90025-1030

EXAMINER

NGUYEN, KHAI MINH

ART UNIT PAPER NUMBER

2687

DATE MAILED: 12/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/749,456

Applicant(s)

KIM ET AL.

Examiner

Khai M. Nguyen

Art Unit

2687

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 December 2003.
2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1 and 4-6 is/are rejected.
7) ☒ Claim(s) 2-3 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 31 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 12/31/2003.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

2. The references listed in the Information Disclosure Statement filed on December 31, 2003 have been considered by the examiner (see attached PTO-1449 form or PTO/SB/08A and 08B forms).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 4-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Pon et al. (U.S.Pat-6272343).

Regarding claim 1, Pon teaches a method for selecting a wireless communication system (fig.3, col.12, lines 36-40), the method comprising the steps of:

a) searching available wireless communication systems within a first service area which the mobile terminal is located (fig.1, col.5, line 59 to col.6, line 20);

b) determining whether or not there are any available wireless communication systems having identical system type according to preferred roaming list PRL stored in the mobile terminal (fig.1, element 14, col.5, line 41 to col.6, line 20);

c) if there are any available wireless communication system having identical system type as a result of determination of step b) (fig.1, element 14, col.5, line 41 to col.6, line 20), selecting a wireless communication system having highest priority in the PRL by searching wireless communication system in the first service area (col.4, lines 14-44) and a plurality of second service areas neighbored to the first service area and comparing priorities of wireless communication systems in the first service area and second service areas (col.4, lines 14-65); and

d) if there are not any available wireless communication system having identical system type as a result of determination of step b) (fig.1, element 14, col.5, line 41 to col.6, line 20), selecting a wireless communication system having highest priority in the PRL by searching wireless communication system in a plurality of second service areas neighbored to the first service area (col.4, lines 14-65).

Regarding claim 4, Pon teaches the method as recited in claim 1, wherein the method is reputedly performed in a predetermined time (fig.3-5, col.4, lines 14-65).

Regarding claim 5, Pon teaches the method as recited in claim 1, wherein the priority is predetermined by comparing a roam indicator, system types, home system identification and network identification NID (abstract, col.4, lines 14-65)

Regarding claim 6, Pon teaches the method as recited in claim 1, wherein the PRL includes most recently used table and acquisition table (col.1, line 58 to col.2, line 10).

Allowable Subject Matter

4. Claims 2-3 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Citation of Pertinent Prior Art

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

La Medica, Jr. et al. (U.S.Pat-6625451) discloses Preferred roaming list and system select feature.

Tung et al. (U.S.Pat-6766167) discloses Method and apparatus for fast and random access of variable sized records stored in a partitioned format.

Hardin (U.S.Pat-6400948) discloses System and methods for acquiring a control channel.

Ishii (U.S.Pub-20040235475) discloses Method and apparatus for system selection.

Narasimha et al. (U.S.Pub-20040063427) discloses Greyzone system selection.

Hutchison, IV et al. (U.S.Pat-6957068) discloses Subscriber station with dynamic multi-mode service acquisition capability.

Lynch et al. (U.S.Pat-5586338) discloses System identification (SID) list for selecting operating frequencies.

Kojima (U.S.Pat-5590397) discloses Selecting and prioritizing radio telephone system at radio terminal.

Baber et al. (U.S.Pat-6173181) discloses Method and system for controlling neighbor scanning in a subscriber in a cellular communication system.

Naddell et al. (U.S.Pat-5613213) discloses Determining and displaying available services for a communication unit.

Fyfe et al. (U.S.Pat-5428666) discloses Automatic number assignment module selection for mobile telephone.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai M. Nguyen whose telephone number is 571.272.7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571.272.7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khai Nguyen
Au: 2687

12/22/2005



ELUSEO RAMOS FELICIANO
PATENT EXAMINER